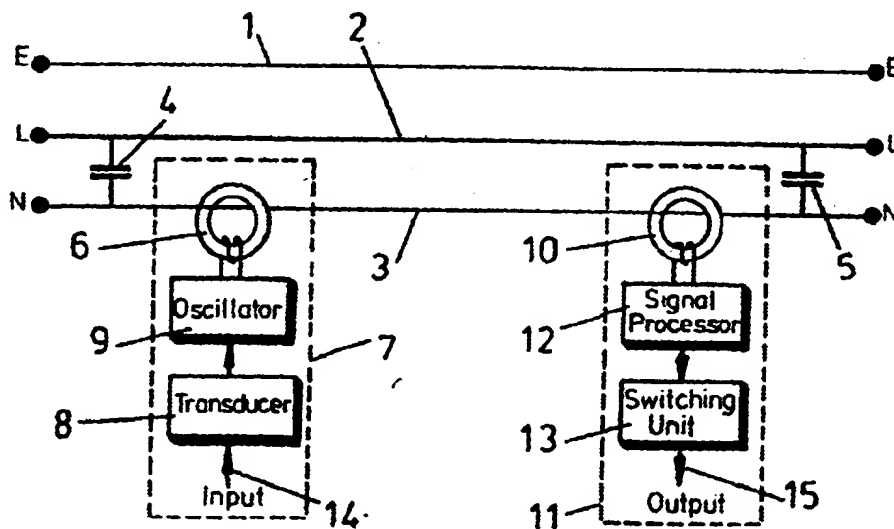




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(54) Title: SIGNALLING SYSTEM AND METHOD



(57) Abstract

A system and method for signalling through a power cable. At least one capacitor is connected between first and second conductors of the power cable to define a closed loop incorporating portions of the first and second conductors. Signals are injected into the closed loop via a first transformer a winding of which is connected in series with the closed loop. Signals are received from the power cable via a second transformer a winding of which is connected in series with the closed loop. Thus, signals applied to the first transformer may be transmitted to the receiver through the power cable.